

METHOD AND SYSTEM FOR DYNAMIC ACCOUNTING OF SERVICE AND EQUIPMENT USAGE

ABSTRACT OF THE DISCLOSURE

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A computer system, computer program product and method for calculating user fees associated with an amount of equipment usage. A server monitors usage a plurality of devices over a communications network, such as the Internet. Usage of the devices is charged to one or more users identified as using the devices. The user fees are 10 preferably accumulated over a billing period before submitting an invoice of total user fees to each user. The amount of usage may be measured as a quantity selected from the group consisting of time, repetitions, workload and combinations thereof. The invention allows the possibility of having rate schedules that vary according to a factor selected from time of day, day of the week, device type, device features, device 15 location, current demand conditions and combinations thereof. The system may further include an exercise profiler and a dietary profiler that provide fitness settings, programs and advice.

such that $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{i=1}^n f(x_i)$ exists and is finite, then f is integrable on $[a, b]$.